

Gregory, Bernarr

From: PLUS
Sent: Thursday, February 10, 2005 2:09 PM
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Subject: PLUS Results for 10735566

Here are the PLUS search results for 10735566.

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10735566_DUAL.txt



10735566_LIST.txt



10735566_WEST.txt



10735566_EAST.txt



10735566.exe



10735566_CLS.txt



10735566_CLS.TITLE.txt



10735566_WDS.txt

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PLUS Search Results for S/N 10735566, Searched February 10, 2005

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10735566_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10735566 on February 10, 2005

Original Classifications

21	342/174
6	342/25R
6	342/70
6	342/93
5	342/13
5	342/90
5	342/91
4	342/165
4	342/189
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3	342/26R
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3	356/139.04
2	180/169
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10735566_CLS

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2 382/103
2 600/407

Cross-Reference Classifications

16 342/174.
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10735566_CLS

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2 331/25
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2 340/541
2 340/942
2 340/945
2 340/961

10735566_CLS

2 342/1
2 342/10
2 342/102
2 342/11
2 342/111
2 342/113
2 342/121
2 342/123
2 342/134
2 342/135
2 342/137
2 342/147
2 342/15
2 342/152
2 342/157
2 342/17
2 342/170
2 342/171
2 342/176
2 342/179
2 342/187
2 342/191
2 342/199
2 342/202
2 342/204
2 342/25F
2 342/26B
2 342/351
2 342/357.08
2 342/357.1
2 342/357.13
2 342/359
2 342/360
2 342/361
2 342/37
2 342/423
2 342/43
2 342/460
2 342/5
2 342/55
2 342/57
2 342/6
2 342/80
2 342/82
2 342/9
2 342/96
2 342/97
2 343/754

10735566_CLS

2 348/144
2 356/139.05
2 356/139.06
2 356/243.1
2 356/477
2 356/5.07
2 356/5.1
2 356/5.13
2 356/5.15
2 356/613
2 367/13
2 367/93
2 367/98
2 368/120
2 375/317
2 375/340
2 382/106
2 382/153
2 434/2
2 455/1
2 455/205
2 455/226.1
2 701/119
2 701/208
2 702/106

10735566_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned
 From A Search of 10735566 on February 10, 2005

37	342/174	(21 OR, 16 XR)	
	Class	342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/165		TESTING OR CALIBRATING OF RADAR SYSTEM
	342/173		.By monitoring
	342/174		..Calibrating
16	342/159	(3 OR, 13 XR)	
	Class	342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/159		CLUTTER ELIMINATION
14	342/90	(5 OR, 9 XR)	
	Class	342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/73		RETURN SIGNAL CONTROLS RADAR SYSTEM
	342/89		.Receiver
	342/90		..Automatic target detection
11	342/165	(4 OR, 7 XR)	
	Class	342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/165		TESTING OR CALIBRATING OF RADAR SYSTEM
11	342/194	(2 OR, 9 XR)	
	Class	342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/175		WITH PARTICULAR CIRCUIT
	342/194		.Complex signal (in phase and quadrature)
11	342/22	(4 OR, 7 XR)	
	Class	342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/22		TRANSMISSION THROUGH MEDIA OTHER THAN AIR OR FREE SPACE
11	342/70	(6 OR, 5 XR)	
	Class	342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/61		RETURN SIGNAL CONTROLS EXTERNAL DEVICE
	342/70		.Radar mounted on and controls land vehicle
10	342/160	(3 OR, 7 XR)	

10735566_CLSTITLES

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/159 CLUTTER ELIMINATION

342/160 .MTI (Moving target indicator)

10 342/175 (0 OR, 10 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/175 WITH PARTICULAR CIRCUIT

10 342/195 (1 OR, 9 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/175 WITH PARTICULAR CIRCUIT

342/195 .Digital processing

9 342/104 (3 OR, 6 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/104 DETERMINING VELOCITY

9 342/162 (2 OR, 7 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/159 CLUTTER ELIMINATION

342/160 .MTI (Moving target indicator)

342/162 ..Digital

9 342/172 (3 OR, 6 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/165 TESTING OR CALIBRATING OF RADAR SYSTEM

342/169 .By simulation

342/172 ..With delay

9 342/91 (5 OR, 4 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/73 RETURN SIGNAL CONTROLS RADAR SYSTEM

342/89 .Receiver

342/91 ..Gain or threshold

9 342/93 (6 OR, 3 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/73 RETURN SIGNAL CONTROLS RADAR SYSTEM

342/89 .Receiver

342/91 ..Gain or threshold

10735566_CLSTITLES

342/93 ...Constant false alarm rate (CFAR)

9 701/96 (4 OR, 5 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/1 VEHICLE CONTROL; GUIDANCE, OPERATION, OR
 INDICATION
 701/70 .Indication or control of braking,
 acceleration, or deceleration
 701/93 ..Vehicle speed control (e.g., cruise control)
 701/96 ...Having inter-vehicle distance or speed
 control

8 342/173 (3 OR, 5 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/165 TESTING OR CALIBRATING OF RADAR SYSTEM
 342/173 .By monitoring

8 342/196 (1 OR, 7 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/175 WITH PARTICULAR CIRCUIT
 342/195 .Digital processing
 342/196 ..Fast fourier transform (FFT)

8 342/20 (3 OR, 5 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/13 RADAR EW (ELECTRONIC WARFARE)
 342/20 .Detection of surveillance

8 342/94 (2 OR, 6 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/73 RETURN SIGNAL CONTROLS RADAR SYSTEM
 342/89 .Receiver
 342/94 ..Gating

8 342/95 (3 OR, 5 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/73 RETURN SIGNAL CONTROLS RADAR SYSTEM
 342/89 .Receiver
 342/94 ..Gating
 342/95 ...Automatic range tracking

10735566_CLSTITLES

8 701/301 (4 OR, 4 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
701/300 RELATIVE LOCATION
701/301 .Collision avoidance

7 342/115 (1 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/104 DETERMINING VELOCITY
342/115 .Digital

7 342/13 (5 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/13 RADAR EW (ELECTRONIC WARFARE)

7 342/149 (3 OR, 4 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/147 DETERMINING DIRECTION
342/149 .Monopulse

7 342/192 (2 OR, 5 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/192 .Spectrum analysis

7 342/28 (2 OR, 5 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/27 PRESENCE DETECTION ONLY
342/28 .By motion detection

6 342/109 (0 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/104 DETERMINING VELOCITY
342/109 .Combined with determining distance

6 342/114 (0 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/104 DETERMINING VELOCITY
342/114 .Combined with determining sense of motion
(i.e., approaching or receding)

10735566_CLSTITLES

6 342/118 (1 OR, 5 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/118 DETERMINING DISTANCE

6 342/145 (0 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/118 DETERMINING DISTANCE
342/145 .With correlation

6 342/189 (4 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/189 .For correlation

6 342/21 (1 OR, 5 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/21 BASE BAND SYSTEM

6 342/25R (6 OR, 0 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/25R SYNTHETIC APERTURE RADAR

6 342/92 (2 OR, 4 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/73 RETURN SIGNAL CONTROLS RADAR SYSTEM
342/89 .Receiver
342/91 ..Gain or threshold
342/92 ...Automatic gain control (AGC)

6 348/169 (0 OR, 6 XR)
Class 348 : TELEVISION
348/169 OBJECT TRACKING

5 180/169 (2 OR, 3 XR)
Class 180 : MOTOR VEHICLES
180/167 WITH MEANS FOR CONTROLLING OPERATION RESPONSIV

E TO ELECTROMAGNETIC RADIATION, MAGNETIC FOR
CE, OR SOUND WAVES RECEIVED FROM SOURCE, OR REFLECTED F
ROM OBJECT OR SURFACE, LOCATED APART FROM VEHICLE

10735566_CLSTITLES

180/169 .Radiation, force, or waves reflected from
external object or surface

5 340/936 (2 OR, 3 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/933 VEHICLE DETECTORS
340/936 .Speed and overspeed

5 340/937 (1 OR, 4 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/933 VEHICLE DETECTORS
340/937 .With camera

5 342/107 (0 OR, 5 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/104 DETERMINING VELOCITY
342/107 .Combined with determining distance and
direction

5 342/128 (2 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/118 DETERMINING DISTANCE
342/128 .With frequency modulation

5 342/169 (2 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/165 TESTING OR CALIBRATING OF RADAR SYSTEM
342/169 .By simulation

5 342/188 (2 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/188 .With polarization

5 342/25A (0 OR, 5 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/25R SYNTHETIC APERTURE RADAR
342/25A .Mapping or imaging using synthetic aperture
radar

5 342/26R (3 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

10735566_CLSTITLES
342/26R Radar for meteorological use

5 342/52 (2 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/52 COMBINED WITH DIVERSE TYPE RADIANT ENERGY
SYSTEM

5 342/53 (2 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/52 COMBINED WITH DIVERSE TYPE RADIANT ENERGY
SYSTEM
342/53 .With infrared device

5 342/58 (1 OR, 4 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/52 COMBINED WITH DIVERSE TYPE RADIANT ENERGY
SYSTEM
342/58 .With transmission to a remote station

5 342/85 (4 OR, 1 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/73 RETURN SIGNAL CONTROLS RADAR SYSTEM
342/82 .Transmitter
342/83 ..Signal phase or frequency other than pulse
repetition frequency (PRF)
342/85 ...Function of distance

5 701/70 (0 OR, 5 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
INDICATION
701/70 .Indication or control of braking,
acceleration, or deceleration

4 250/203.1 (0 OR, 4 XR)
Class 250 : RADIANT ENERGY
250/200 PHOTOCELLS; CIRCUITS AND APPARATUS
250/201.1 .Photocell controls its own optical systems
250/203.1 ..Following a target (e.g., a star or
instrument pointer or other object) other t

han a pattern

4 340/436 (0 OR, 4 XR)

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                                10735566_CLSTITLES
Class 340 : COMMUNICATIONS: ELECTRICAL
340/425.5 LAND VEHICLE ALARMS OR INDICATORS
340/436 .Of collision or contact with external object

4 340/554 (0 OR, 4 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/540 .Specific condition
340/541 ..Intrusion detection
340/552 ...Disturbance of electromagnetic waves
340/554 ....Doppler effect

4 342/120 (3 OR, 1 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/118 DETERMINING DISTANCE
342/120 .Altimeter

4 342/14 (3 OR, 1 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/13 RADAR EW (ELECTRONIC WARFARE)
342/14 .ECM (Electronic countermeasures, i.e.,
jamming)

4 342/140 (0 OR, 4 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/118 DETERMINING DISTANCE
342/134 .With pulse modulation
342/139 ..Combined with determining direction
342/140 ...With azimuth and elevation determination

4 342/156 (2 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/147 DETERMINING DIRECTION
342/156 .Interferometer

4 342/200 (1 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/200 .For frequency modulation

4 342/205 (1 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS

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		10735566_CLSTITLES	
		AND DEVICES	
	342/175	WITH PARTICULAR CIRCUIT	
	342/205	.Sensitivity time control (STC)	
4	342/27	(1 OR, 3 XR)	
	Class	342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
			AND DEVICES
	342/27		PRESENCE DETECTION ONLY
4	342/36	(1 OR, 3 XR)	
	Class	342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
			AND DEVICES
	342/36		AIR TRAFFIC CONTROL
4	342/59	(1 OR, 3 XR)	
	Class	342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
			AND DEVICES
	342/59		PLURAL RADAR
4	342/68	(1 OR, 3 XR)	
	Class	342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
			AND DEVICES
	342/61		RETURN SIGNAL CONTROLS EXTERNAL DEVICE
	342/68		.Proximity fuze
4	342/89	(1 OR, 3 XR)	
	Class	342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
			AND DEVICES
	342/73		RETURN SIGNAL CONTROLS RADAR SYSTEM
	342/89		.Receiver
4	348/135	(0 OR, 4 XR)	
	Class	348 :	TELEVISION
	348/61		SPECIAL APPLICATIONS
	348/135		.Object or scene measurement
4	382/104	(0 OR, 4 XR)	
	Class	382 :	IMAGE ANALYSIS
	382/100		APPLICATIONS
	382/104		.Vehicle or traffic control (e.g., auto, bus, or train)
4	701/111	(1 OR, 3 XR)	
	Class	701 :	DATA PROCESSING: VEHICLES, NAVIGATION, AND
			RELATIVE LOCATION
	701/1		VEHICLE CONTROL, GUIDANCE, OPERATION, OR
			INDICATION
	701/99		.With indicator or control of power plant

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                                10735566_CLSTITLES
                                (e.g., performance)
701/101    ..Internal-combustion engine
701/102    ..Digital or programmed data processor
701/111    ....Vibration, roughness, knock

4  701/65      (0 OR, 4 XR)
    Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
                RELATIVE LOCATION
701/1      VEHICLE CONTROL, GUIDANCE, OPERATION, OR
                INDICATION
701/51     .Transmission control
701/65     ..Responsive to road, external, or ambient
                condition

3  89/41.07    (0 OR, 3 XR)
    Class 089 : ORDNANCE
89/37.01    MOUNTS
89/41.01    .Training mechanisms
89/41.02    ..Motor operated
89/41.07    ...By radar

3  340/435     (2 OR, 1 XR)
    Class 340 : COMMUNICATIONS: ELECTRICAL
340/425.5   LAND VEHICLE ALARMS OR INDICATORS
340/435     .Of relative distance from an obstacle

3  340/903     (0 OR, 3 XR)
    Class 340 : COMMUNICATIONS: ELECTRICAL
340/901     EXTERNAL CONDITION VEHICLE-MOUNTED INDICATOR O
R
                ALARM
340/902     .Transmitter in another vehicle (e.g.,
                emergency vehicle)
340/903     ..Relative distance between vehicles (e.g.,
                collision alert)

3  340/904     (0 OR, 3 XR)
    Class 340 : COMMUNICATIONS: ELECTRICAL
340/901     EXTERNAL CONDITION VEHICLE-MOUNTED INDICATOR O
R
                ALARM
340/904     .Transmitter in one vehicle only

3  342/105     (0 OR, 3 XR)
    Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                AND DEVICES
342/104     DETERMINING VELOCITY
342/105     .Other than doppler (e.g., range rate)

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10735566_CLSTITLES

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3 342/108      (0 OR, 3 XR)
    Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                  AND DEVICES
                  342/104      DETERMINING VELOCITY
                  342/107      ..Combined with determining distance and
                              direction
                  342/108      ..With correlation

3 342/119      (1 OR, 2 XR)
    Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                  AND DEVICES
                  342/118      DETERMINING DISTANCE
                  342/119      .Miss distance indicator (MDI)

3 342/127      (1 OR, 2 XR)
    Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                  AND DEVICES
                  342/118      DETERMINING DISTANCE
                  342/127      .Phase comparison

3 342/136      (1 OR, 2 XR)
    Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                  AND DEVICES
                  342/118      DETERMINING DISTANCE
                  342/134      .With pulse modulation
                  342/135      ..Digital (e.g., with counter)
                  342/136      ...With plural fixed range gates

3 342/146      (0 OR, 3 XR)
    Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                  AND DEVICES
                  342/118      DETERMINING DISTANCE
                  342/146      .Combined with determining direction

3 342/151      (3 OR, 0 XR)
    Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                  AND DEVICES
                  342/147      DETERMINING DIRECTION
                  342/149      .Monopulse
                  342/151      ..With channel equalization

3 342/161      (2 OR, 1 XR)
    Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                  AND DEVICES
                  342/159      CLUTTER ELIMINATION
                  342/160      .MTI (Moving target indicator)
                  342/161      ..With vehicle movement compensation (e.g.,

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10735566_CLSTITLES
AMTI (Airborn MTI))

- 3 342/163 (0 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/159 CLUTTER ELIMINATION
342/160 .MTI (Moving target indicator)
342/163 ..With blind speed elimination
- 3 342/184 (1 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/176 .Display
342/184 ..With stabilization (e.g., True Motion, True
North)
- 3 342/190 (0 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/190 .With recording
- 3 342/197 (0 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/195 .Digital processing
342/197 ..With video quantizer
- 3 342/201 (0 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/175 WITH PARTICULAR CIRCUIT
342/200 .For frequency modulation
342/201 ..Combined with pulse modulation
- 3 342/26D (0 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/26R Radar for meteorological use
342/26D .Ground based
- 3 342/357.06 (0 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/352 .Including a satellite

10735566_CLSTITLES

342/357.01 ..With position indicating

342/357.06 ...Using Global Positioning Satellite (GPS or Glonass)

3 342/368 (0 OR, 3 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES

342/350 DIRECTIVE

342/368 .Including a steerable array

3 342/54 (2 OR, 1 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES

342/52 COMBINED WITH DIVERSE TYPE RADIANT ENERGY SYSTEM

342/54 .With laser

3 342/61 (0 OR, 3 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES

342/61 RETURN SIGNAL CONTROLS EXTERNAL DEVICE

3 342/62 (2 OR, 1 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES

342/61 RETURN SIGNAL CONTROLS EXTERNAL DEVICE

342/62 .Missile or spacecraft guidance

3 342/67 (0 OR, 3 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES

342/61 RETURN SIGNAL CONTROLS EXTERNAL DEVICE

342/67 .Gun (e.g., fire control)

3 342/71 (1 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES

342/61 RETURN SIGNAL CONTROLS EXTERNAL DEVICE

342/70 .Radar mounted on and controls land vehicle

342/71 ..With control of brakes or steering

3 342/83 (1 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES

342/73 RETURN SIGNAL CONTROLS RADAR SYSTEM

342/82 .Transmitter

342/83 ..Signal phase or frequency other than pulse repetition frequency (PRF)

10735566_CLSTITLES

3 342/99 (1 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/73 RETURN SIGNAL CONTROLS RADAR SYSTEM
 342/89 .Receiver
 342/98 ..Frequency
 342/99 ...Doppler frequency tracking

3 348/148 (0 OR, 3 XR)
 Class 348 : TELEVISION
 348/61 SPECIAL APPLICATIONS
 348/143 .Observation of or from a specific location
 (e.g., surveillance)
 348/148 ..Vehicular

3 356/139.04 (3 OR, 0 XR)
 Class 356 : OPTICS: MEASURING AND TESTING
 356/138 ANGLE MEASURING OR ANGULAR AXIAL ALIGNMENT
 356/139.04 .Automatic following or aligning while
 indicating measurement

3 356/28 (0 OR, 3 XR)
 Class 356 : OPTICS: MEASURING AND TESTING
 356/27 VELOCITY OR VELOCITY/HEIGHT MEASURING
 356/28 .With light detector (e.g., photocell)

3 356/5.01 (2 OR, 1 XR)
 Class 356 : OPTICS: MEASURING AND TESTING
 356/3 RANGE OR REMOTE DISTANCE FINDING
 356/4.01 .With photodetection
 356/5.01 ..Of pulse transit time

3 356/5.09 (2 OR, 1 XR)
 Class 356 : OPTICS: MEASURING AND TESTING
 356/3 RANGE OR REMOTE DISTANCE FINDING
 356/4.01 .With photodetection
 356/5.09 ..Of frequency difference

3 367/136 (1 OR, 2 XR)
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
 SYSTEMS AND DEVICES
 367/135 RECEIVER CIRCUITRY
 367/136 .Responsive to intruder energy

3 382/103 (2 OR, 1 XR)
 Class 382 : IMAGE ANALYSIS
 382/100 APPLICATIONS

10735566_CLSTITLES

382/103 .Target tracking or detecting

3 600/407 (2 OR, 1 XR)
Class 600 : SURGERY
600/300 DIAGNOSTIC TESTING
600/407 .Detecting nuclear, electromagnetic, or
ultrasonic radiation

3 701/213 (0 OR, 3 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/213 ..Using Global Positioning System (GPS)

3 701/300 (0 OR, 3 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
701/300 RELATIVE LOCATION

2 89/41.22 (1 OR, 1 XR)
Class 089 : ORDNANCE
89/37.01 MOUNTS
89/41.01 .Training mechanisms
89/41.19 ..Sights or line devices
89/41.22 ...For anti-aircraft

2 102/211 (0 OR, 2 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/200 IGNITING DEVICES AND SYSTEMS
102/206 .Ignition or detonation circuit
102/211 ..Proximity fuze

2 102/214 (0 OR, 2 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/200 IGNITING DEVICES AND SYSTEMS
102/206 .Ignition or detonation circuit
102/211 ..Proximity fuze
102/214 ...Radio wave

2 180/170 (0 OR, 2 XR)
Class 180 : MOTOR VEHICLES
180/170 WITH MEANS RESPONSIVE TO SPEED OF VEHICLE FOR
MAINTAINING SPEED AT, OR PREVENTING IT FROM
EXCEEDING, A
PARTICULAR VALUE

2 250/338.1 (0 OR, 2 XR)

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Class 250 : RADIANT ENERGY

250/336.1 INVISIBLE RADIANT ENERGY RESPONSIVE ELECTRIC
SIGNALLING

250/338.1 .Infrared responsive

2 318/587 (0 OR, 2 XR)

Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS

318/560 POSITIONAL SERVO SYSTEMS (E.G.,
SERVOMECHANISMS)

318/580 .Vehicular guidance systems with single axis
control

318/587 ..Land vehicles

2 324/613 (2 OR, 0 XR)

Class 324 : ELECTRICITY: MEASURING AND TESTING

324/600 IMPEDANCE, ADMITTANCE OR OTHER QUANTITIES
REPRESENTATIVE OF ELECTRICAL STIMULUS/RES

PONSE RELATIONSHIPS

324/612 .Parameter related to the reproduction or
fidelity of a signal affected by a circuit

under test

324/613 ..Noise

2 324/76.19 (0 OR, 2 XR)

Class 324 : ELECTRICITY: MEASURING AND TESTING

324/76.11 MEASURING, TESTING, OR SENSING ELECTRICITY, PE

R SE

324/76.12 .Analysis of complex waves

324/76.19 ..Frequency spectrum analyzer

2 324/76.23 (0 OR, 2 XR)

Class 324 : ELECTRICITY: MEASURING AND TESTING

324/76.11 MEASURING, TESTING, OR SENSING ELECTRICITY, PE

R SE

324/76.12 .Analysis of complex waves

324/76.19 ..Frequency spectrum analyzer

324/76.23 ...With mixer

2 331/10 (2 OR, 0 XR)

Class 331 : OSCILLATORS

331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHAS

E OR FREQUENCY SENSING MEANS

331/10 .Plural A.F.S. for a single oscillator

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2 331/16 (0 OR, 2 XR)
Class 331 : OSCILLATORS
331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHAS

E
OR FREQUENCY SENSING MEANS
331/16 .Tuning compensation

2 331/17 (0 OR, 2 XR)
Class 331 : OSCILLATORS
331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHAS

E
OR FREQUENCY SENSING MEANS
331/17 .Particular error voltage control (e.g.,
intergrating network)

2 331/25 (0 OR, 2 XR)
Class 331 : OSCILLATORS
331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHAS

E
OR FREQUENCY SENSING MEANS
331/18 .With reference oscillator or source
331/25 ..Signal or phase comparator

2 331/4 (1 OR, 1 XR)
Class 331 : OSCILLATORS
331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHAS

E
OR FREQUENCY SENSING MEANS
331/4 .Search sweep of oscillator

2 340/541 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/540 .Specific condition
340/541 ..Intrusion detection

2 340/942 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/933 VEHICLE DETECTORS
340/942 .Photoelectric

2 340/945 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/945 AIRCRAFT ALARM OR INDICATING SYSTEMS

2 340/961 (2 OR, 0 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/945 AIRCRAFT ALARM OR INDICATING SYSTEMS

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340/961 .Potential collision with other aircraft

2 342/1 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/1 RADIO WAVE ABSORBER

2 342/10 (1 OR, 1 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/5 RADAR REFLECTOR
 342/10 .Inflatable or collapsable

2 342/102 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/73 RETURN SIGNAL CONTROLS RADAR SYSTEM
 342/89 .Receiver
 342/98 ..Frequency
 342/102 ...Phase

2 342/11 (1 OR, 1 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/5 RADAR REFLECTOR
 342/11 .With spherical lens (e.g., Luneberg lens)

2 342/111 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/104 DETERMINING VELOCITY
 342/109 .Combined with determining distance
 342/111 ..With plural receiver frequency band
 separation

2 342/113 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/104 DETERMINING VELOCITY
 342/113 .Combined with determining direction (i.e.,
 bearing)

2 342/121 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/118 DETERMINING DISTANCE
 342/120 .Altimeter
 342/121 ..With additional indicator

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2  342/123      (0 OR, 2 XR)
    Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                  AND DEVICES
    342/118      DETERMINING DISTANCE
    342/123      .Height finder

2  342/134      (1 OR, 1 XR)
    Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                  AND DEVICES
    342/118      DETERMINING DISTANCE
    342/134      .With pulse modulation

2  342/135      (0 OR, 2 XR)
    Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                  AND DEVICES
    342/118      DETERMINING DISTANCE
    342/134      .With pulse modulation
    342/135      ..Digital (e.g., with counter)

2  342/137      (1 OR, 1 XR)
    Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                  AND DEVICES
    342/118      DETERMINING DISTANCE
    342/134      .With pulse modulation
    342/137      ..With variable pulse repetition frequency
                  (PRF) or pulse width

2  342/147      (0 OR, 2 XR)
    Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                  AND DEVICES
    342/147      DETERMINING DIRECTION

2  342/15       (1 OR, 1 XR)
    Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                  AND DEVICES
    342/13       RADAR EW (ELECTRONIC WARFARE)
    342/14       .ECM (Electronic countermeasures, i.e.,
                  jamming)
    342/15       ..With repeater

2  342/152      (0 OR, 2 XR)
    Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                  AND DEVICES
    342/147      DETERMINING DIRECTION
    342/149      .Monopulse
    342/152      ..With quadrature difference processing

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2 342/157 (1 OR, 1 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/147 DETERMINING DIRECTION
 342/157 .With frequency or phase steering

2 342/17 (1 OR, 1 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/13 RADAR EW (ELECTRONIC WARFARE)
 342/16 .ECCM (Electronic counter-countermeasures,
 i.e., antijamming)
 342/17 ..Radar reacts to jamming

2 342/170 (1 OR, 1 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/165 TESTING OR CALIBRATING OF RADAR SYSTEM
 342/169 .By simulation
 342/170 ..Microwave

2 342/171 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/165 TESTING OR CALIBRATING OF RADAR SYSTEM
 342/169 .By simulation
 342/171 ..Doppler

2 342/176 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/175 WITH PARTICULAR CIRCUIT
 342/176 .Display

2 342/179 (2 OR, 0 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/175 WITH PARTICULAR CIRCUIT
 342/176 .Display
 342/179 ..Image production

2 342/187 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/175 WITH PARTICULAR CIRCUIT
 342/187 .Augmenter

2 342/191 (0 OR, 2 XR)

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Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/175 WITH PARTICULAR CIRCUIT

342/190 .With recording

342/191 ..Mapping

2 342/199 (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/175 WITH PARTICULAR CIRCUIT

342/199 .Automatic frequency control (AFC)

2 342/202 (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/175 WITH PARTICULAR CIRCUIT

342/202 .For pulse modulation

2 342/204 (1 OR, 1 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/175 WITH PARTICULAR CIRCUIT

342/202 .For pulse modulation

342/204 ..With pulse shaping

2 342/25F (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/25R SYNTHETIC APERTURE RADAR

342/25A .Mapping or imaging using synthetic aperture
radar

342/25F ..Particular SAR processing techniques (e.g.
squint mode, doppler beam-sharpening mode,
spotlight mode,
bistatic SAR, inverse SAR)

2 342/26B (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/26R Radar for meteorological use

342/26B .Mounted on aircraft

2 342/351 (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/350 DIRECTIVE

342/351 .Including a radiometer

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2 342/357.08 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/352 .Including a satellite
 342/357.01 ..With position indicating
 342/357.06 ...Using Global Positioning Satellite (GPS or
 Glonass)
 342/357.08Determining relative position (e.g.,
 distance or direction)

2 342/357.1 (2 OR, 0 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/352 .Including a satellite
 342/357.01 ..With position indicating
 342/357.06 ...Using Global Positioning Satellite (GPS or
 Glonass)
 342/357.1Combined with telecommunication

2 342/357.13 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/352 .Including a satellite
 342/357.01 ..With position indicating
 342/357.06 ...Using Global Positioning Satellite (GPS or
 Glonass)
 342/357.13With storage device (i.e., map or database
)

2 342/359 (1 OR, 1 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/359 .Including antenna orientation

2 342/360 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/360 .Including antenna pattern plotting

2 342/361 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES

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342/350 DIRECTIVE

342/361 .Including polarized signal communication
transmitter or receiver

2 342/37 (1 OR, 1 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/36 AIR TRAFFIC CONTROL

342/37 .Secondary Surveillance Radar (SSR) or Air
Traffic Control Radar Beacon System (ATCRBS

)

2 342/423 (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/350 DIRECTIVE

342/385 .Beacon or receiver

342/417 ..Direction-finding receiver only

342/422 ...With self-orienting antenna pattern

342/423Plural antennas

2 342/43 (1 OR, 1 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/42 RADAR TRANSPONDER SYSTEM

342/43 .Combined with primary radar system

2 342/460 (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/350 DIRECTIVE

342/450 .Position indicating (e.g., triangulation)

342/460 ..Storm or atomic explosion location

2 342/5 (1 OR, 1 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/5 RADAR REFLECTOR

2 342/55 (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/52 COMBINED WITH DIVERSE TYPE RADIANT ENERGY
SYSTEM

342/55 .With television

2 342/57 (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS

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10735566_CLSTITLES
AND DEVICES
342/52    COMBINED WITH DIVERSE TYPE RADIANT ENERGY
          SYSTEM
342/57    .With radio voice communication

2  342/6      (0 OR, 2 XR)
      Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                   AND DEVICES
342/5      RADAR REFLECTOR
342/6      .With modulation

2  342/80     (0 OR, 2 XR)
      Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                   AND DEVICES
342/73     RETURN SIGNAL CONTROLS RADAR SYSTEM
342/74     .Antenna control
342/75     ..Physical orientation
342/80     ...Monopulse

2  342/82     (0 OR, 2 XR)
      Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                   AND DEVICES
342/73     RETURN SIGNAL CONTROLS RADAR SYSTEM
342/82     .Transmitter

2  342/9      (0 OR, 2 XR)
      Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                   AND DEVICES
342/5      RADAR REFLECTOR
342/7      .Corner
342/9      ..Decoy or tow target

2  342/96     (0 OR, 2 XR)
      Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                   AND DEVICES
342/73     RETURN SIGNAL CONTROLS RADAR SYSTEM
342/89     .Receiver
342/94     ..Gating
342/95     ...Automatic range tracking
342/96     ....Automatic track while scan (ATWS)

2  342/97     (0 OR, 2 XR)
      Class  342 :  COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                   AND DEVICES
342/73     RETURN SIGNAL CONTROLS RADAR SYSTEM
342/89     .Receiver
342/94     ..Gating
342/95     ...Automatic range tracking

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342/97      ....With automatic lock-on

2  343/754      (1 OR, 1 XR)
    Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
    343/700R    ANTENNAS
    343/753      .With spaced or external radio wave refractor
                  (e.g., lens)
    343/754      ..With scanning, sweeping, or orienting

2  348/144      (0 OR, 2 XR)
    Class 348 : TELEVISION
    348/61      SPECIAL APPLICATIONS
    348/143      .Observation of or from a specific location
                  (e.g., surveillance)
    348/144      ..Aerial viewing

2  356/139.05   (0 OR, 2 XR)
    Class 356 : OPTICS: MEASURING AND TESTING
    356/138      ANGLE MEASURING OR ANGULAR AXIAL ALIGNMENT
    356/139.04    .Automatic following or aligning while
                  indicating measurement
    356/139.05    ..With optical elements moving relative to
                  fixed housing to follow or align

2  356/139.06   (0 OR, 2 XR)
    Class 356 : OPTICS: MEASURING AND TESTING
    356/138      ANGLE MEASURING OR ANGULAR AXIAL ALIGNMENT
    356/139.04    .Automatic following or aligning while
                  indicating measurement
    356/139.06    ..With optical housing moving to follow or
                  align

2  356/243.1     (0 OR, 2 XR)
    Class 356 : OPTICS: MEASURING AND TESTING
    356/243.1     STANDARD

2  356/477      (1 OR, 1 XR)
    Class 356 : OPTICS: MEASURING AND TESTING
    356/450      BY LIGHT INTERFERENCE (E.G., INTERFEROMETER)
    356/477      .Using fiber or waveguide interferometer

2  356/5.07      (2 OR, 0 XR)
    Class 356 : OPTICS: MEASURING AND TESTING
    356/3        RANGE OR REMOTE DISTANCE FINDING
    356/4.01      .With photodetection
    356/5.01      ..Of pulse transit time
    356/5.05      ...Having pulse transmission trigger
                  significance

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356/5.06Including optical pick-off of transmission
start

356/5.07With specific counter type timing of
returns

2 356/5.1 (1 OR, 1 XR)
Class 356 : OPTICS: MEASURING AND TESTING
356/3 RANGE OR REMOTE DISTANCE FINDING
356/4.01 .With photodetection
356/5.1 ..Of CW phase delay

2 356/5.13 (1 OR, 1 XR)
Class 356 : OPTICS: MEASURING AND TESTING
356/3 RANGE OR REMOTE DISTANCE FINDING
356/4.01 .With photodetection
356/5.1 ..Of CW phase delay
356/5.13 ...Having an alternating reference path

2 356/5.15 (0 OR, 2 XR)
Class 356 : OPTICS: MEASURING AND TESTING
356/3 RANGE OR REMOTE DISTANCE FINDING
356/4.01 .With photodetection
356/5.1 ..Of CW phase delay
356/5.15 ...Having specific IF mixing of returns

2 356/613 (0 OR, 2 XR)
Class 356 : OPTICS: MEASURING AND TESTING
356/601 SHAPE OR SURFACE CONFIGURATION
356/613 .Silhouette

2 367/13 (0 OR, 2 XR)
Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
SYSTEMS AND DEVICES
367/13 TESTING, MONITORING, OR CALIBRATING

2 367/93 (1 OR, 1 XR)
Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
SYSTEMS AND DEVICES
367/87 ECHO SYSTEMS
367/93 .Presence or movement only detection

2 367/98 (1 OR, 1 XR)
Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
SYSTEMS AND DEVICES
367/87 ECHO SYSTEMS
367/95 .Returned signal used for control
367/97 ..Receiver system
367/98 ...Automatic gain or threshold control

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2 368/120 (0 OR, 2 XR)
 Class 368 : HOROLOGY: TIME MEASURING SYSTEMS OR DEVICES

368/89 TIME INTERVAL
 368/107 .Electrical or electromechanical
 368/113 ..Stop time type
 368/120 ...Including delay means

2 375/317 (0 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS
 375/317 .Automatic baseline or threshold adjustment

2 375/340 (1 OR, 1 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS
 375/340 .Particular pulse demodulator or detector

2 382/106 (1 OR, 1 XR)
 Class 382 : IMAGE ANALYSIS

382/100 APPLICATIONS
 382/106 .Range or distance measuring

2 382/153 (0 OR, 2 XR)
 Class 382 : IMAGE ANALYSIS

382/100 APPLICATIONS
 382/153 .Robotics

2 434/2 (1 OR, 1 XR)
 Class 434 : EDUCATION AND DEMONSTRATION

434/1 DETECTION OR RANGE DETERMINATION OF DISTANT
 OBJECT BY APPARATUS USING SENSOR OF ELECTRO-
 MAGNETIC OR SOUND ENERGY

434/2 .Radar

2 455/1 (1 OR, 1 XR)
 Class 455 : TELECOMMUNICATIONS

455/1 INTERFERENCE SIGNAL TRANSMISSION (E.G.,
 JAMMING)

2 455/205 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS

455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
 CONVERTER

455/205 .Frequency or phase modulation

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2 455/226.1 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
 CONVERTER
 455/226.1 .Measuring or testing of receiver

2 701/119 (0 OR, 2 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
 INDICATION
 701/117 .Traffic analysis or control of surface vehicl
 e
 701/119 ..With determination of traffic speed

2 701/208 (0 OR, 2 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/200 NAVIGATION
 701/207 .Employing position determining equipment
 701/208 ..For use in a map data base system

2 702/106 (1 OR, 1 XR)
 Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR
 TESTING
 702/85 CALIBRATION OR CORRECTION SYSTEM
 702/106 .Signal frequency or phase correction

able 1
abstract 1
accompanying 1
accordance 8
according 1
accounts 1
accurately 1
actual 26
actually 1
adapted 7
adjust 1
adjusts 1
advantages 1
affected 1
air 2
aircraft 8
also 7
alternatively 1
although 1
amplified 1
amplifier 1
an 8
and 74
another 1
any 2
application 3
approximate 1
are 5
arrangements 1
art 1
as 18
aspect 2
at 10
atmospheric 12
attorney 8
augment 2
augmentation 17
augmented 4
augmenting 1
available 3
avoid 1
background 1
based 1
be 30
because 2
been 2
being 1
below 1

between 5
beyond 1
block 1
boeing 1
brief 1
broadband 1
but 1
by 9
calculates 2
calibrating 2
calibration 50
can 5
capability 1
carried 1
case 1
cases 1
claims 1
communicates 1
communication 5
compares 2
comparison 2
comprises 2
comprising 1
computing 1
condition 5
conditions 14
configurations 2
configured 3
consequences 1
constructed 1
control 1
controlling 1
could 3
course 2
coverage 1
cross 21
current 1
defense 1
defining 3
departing 1
dependent 1
deploy 1
described 3
description 2
desired 3
detail 1
detailed 1
detect 5

detected 1
 detecting 2
 detection 39
 detects 2
 determine 7
 determined 6
 determining 1
 device 33
 diagram 2
 different 1
 disclosure 1
 docket 8
 drawings 3
 eagleym 1
 either 1
 electrical 1
 electronically 3
 electronics 1
 eliminates 1
 embodiment 6
 embodiments 3
 enemy 1
 entry 1
 erred 2
 erroneous 1
 error 6
 ev 1
 even 2
 example 4
 existing 7
 expected 2
 expensive 1
 express 1
 extending 1
 extends 1
 features 1
 field 1
 figure 2
 flies 1
 flight 4
 flights 1
 flown 1
 fly 1
 following 1
 for 21
 forth 1
 fro 1
 from 10

further 3
gaps 1
generally 5
generates 1
given 4
greater 6
grumman 1
has 3
have 3
having 5
however 1
identified 1
illustrating 1
implementation 1
implemented 2
impractical 1
in 28
include 3
includes 3
including 1
inexpensive 1
information 1
integral 1
interpreted 1
invention 21
is 30
it 3
its 2
knowing 1
known 2
larger 4
less 3
level 2
levels 1
limited 2
little 1
made 1
magnitude 3
mail 1
manned 6
manner 1
maximum 3
may 25
measuring 1
mechanical 2
meter 1
method 8
miles 2

military 1
minimize 1
monitoring 1
more 4
moreover 1
most 1
much 2
multiple 1
must 1
navigate 2
need 1
non 6
normally 1
northrop 1
not 1
number 8
of 78
on 2
one 1
operation 2
operational 1
operator 2
or 8
orders 2
other 1
out 1
over 1
overestimates 1
page 8
parameter 2
particular 2
particularly 1
path 1
performance 2
pilot 1
places 1
plan 1
poses 1
position 27
positions 5
practice 1
predetermined 2
pref 2
preferably 3
preferred 5
present 7
problems 1
procedures 1

process 1
programmed 3
provide 2
provided 1
providing 3
purpose 1
radar 95
radars 1
range 23
ranges 1
receive 3
received 2
receives 1
reduce 1
reduces 1
reference 2
referring 1
reflected 1
reflector 1
relates 1
relative 1
relatively 1
repeated 1
replicate 2
representing 1
required 1
respectively 1
result 1
resulting 1
return 1
risk 1
safety 1
same 1
sas 1
scan 1
schematically 1
scope 1
section 12
sections 9
see 1
select 1
selected 3
sense 1
sensed 13
sensing 3
separate 1
set 1
several 2

severe 1
ship 1
ships 1
should 1
shown 2
signal 15
signals 6
significantly 2
simulate 4
single 1
size 3
sizes 1
skill 1
small 2
solves 1
specific 2
specifically 1
square 1
structure 1
such 7
sufficient 1
suitable 2
summary 1
suppliers 1
syste 1
system 51
systems 1
takes 1
target 37
targets 11
test 3
than 5
that 13
the 202
their 1
there 1
thereby 1
these 3
they 2
this 7
those 3
thus 1
time 6
to 49
transmit 1
transmitted 1
true 14
types 2

10735566_WDS

uav 29
under 6
understood 1
undesirable 1
unmanned 2
upon 3
use 4
used 9
uses 3
using 5
utilizing 1
variances 1
various 9
vehicle 2
way 1
well 2
were 1
when 2
where 1
whereby 2
which 6
while 1
with 18
within 4
without 4
would 1
zone 11
zones 3